

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
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Application Serial Number: 101 S301 125A
Source: PCT
Date Processed by STIC: 2/13/06

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PCT

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/530,125A

DATE: 02/13/2006
TIME: 12:58:06

Input Set : A:\pto.da.txt
Output Set: N:\CRF4\02132006\J530125A.raw

4 <110> APPLICANT: SANWA KAGAKU KENKYUSHO CO., LTD.
 6 <120> TITLE OF INVENTION: GLP-1 derivatives and the use
 8 <130> FILE REFERENCE: JP0304SKK
 C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/530,125A
 C--> 10 <141> CURRENT FILING DATE: 2005-04-04
 10 <150> PRIOR APPLICATION NUMBER: JP 2002-299283
 11 <151> PRIOR FILING DATE: 2002-10-11
 13 <160> NUMBER OF SEQ ID NOS: 25
 15 <170> SOFTWARE: PatentIn version 3.1
 17 <210> SEQ ID NO: 1
 18 <211> LENGTH: 29
 19 <212> TYPE: PRT
 20 <213> ORGANISM: Artificial
 22 <220> FEATURE:
 23 <223> OTHER INFORMATION: GLP1(7-35)
 25 <400> SEQUENCE: 1
 27 His Ala Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu Gly
 28 1 5 10 15
 31 Gln Ala Ala Lys Glu Phe Ile Ala Trp Leu Val Lys Gly
 32 20 25
 35 <210> SEQ ID NO: 2
 36 <211> LENGTH: 30
 37 <212> TYPE: PRT
 38 <213> ORGANISM: Artificial
 40 <220> FEATURE:
 41 <223> OTHER INFORMATION: GLP1(7-36)
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 45 His Ala Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu Gly
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 49 Gln Ala Ala Lys Glu Phe Ile Ala Trp Leu Val Lys Gly Arg
 50 20 25 30
 53 <210> SEQ ID NO: 3
 54 <211> LENGTH: 30
 55 <212> TYPE: PRT
 56 <213> ORGANISM: Artificial
 58 <220> FEATURE:
 59 <223> OTHER INFORMATION: 8S-GLP1
 61 <400> SEQUENCE: 3
 63 His Ser Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu Gly
 64 1 5 10 15
 67 Gln Ala Ala Lys Glu Phe Ile Ala Trp Leu Val Lys Gly Arg
 68 20 25 30
 71 <210> SEQ ID NO: 4

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72 <211> LENGTH: 31
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74 <213> ORGANISM: Artificial
76 <220> FEATURE:
77 <223> OTHER INFORMATION: GLP1+1R
79 <400> SEQUENCE: 4
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85 Gln Ala Ala Lys Glu Phe Ile Ala Trp Leu Val Lys Gly Arg Arg
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91 <212> TYPE: PRT
92 <213> ORGANISM: Artificial
94 <220> FEATURE:
95 <223> OTHER INFORMATION: GLP1+2R
97 <400> SEQUENCE: 5
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108 <211> LENGTH: 32
109 <212> TYPE: PRT
110 <213> ORGANISM: Artificial
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113 <223> OTHER INFORMATION: 8S-GLP1+2R
115 <400> SEQUENCE: 6
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121 Gln Ala Ala Lys Glu Phe Ile Ala Trp Leu Val Lys Gly Arg Arg Arg
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127 <212> TYPE: PRT
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133 <400> SEQUENCE: 7
135 His Ser Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu Gly
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140 20 25 30
143 Arg
147 <210> SEQ ID NO: 8
148 <211> LENGTH: 34
149 <212> TYPE: PRT
150 <213> ORGANISM: Artificial
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153 <223> OTHER INFORMATION: 8S-GLP1-4R
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170 <211> LENGTH: 35
171 <212> TYPE: PRT
172 <213> ORGANISM: Artificial
174 <220> FEATURE:
175 <223> OTHER INFORMATION: 8S-GLP1+5R
177 <400> SEQUENCE: 9
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187 Arg Arg Arg
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193 <212> TYPE: PRT
194 <213> ORGANISM: Artificial
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200 <400> SEQUENCE: 10
202 His Ser Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu Gly
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206 Gln Ala Ala Lys Glu Phe Ile Ala Trp Leu Val Lys Gly Arg Arg Arg
207 20 25 30
210 Arg Arg Arg Arg
211 35
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229 20 25 30
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237 <211> LENGTH: 31
238 <212> TYPE: PRT

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Input Set : A:\pto.da.txt
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241 <220> FEATURE:
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250 Gln Ala Ala Lys Glu Phe Ile Ala Trp Leu Val Lys Gly Lys Arg
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256 <212> TYPE: PRT
257 <213> ORGANISM: Artificial
259 <220> FEATURE:
260 <223> OTHER INFORMATION: 8S-des36R-GLP1+2KR
262 <400> SEQUENCE: 13
264 His Ser Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu Gly
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268 Gln Ala Ala Lys Glu Phe Ile Ala Trp Leu Val Lys Gly Lys Lys Arg
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273 <211> LENGTH: 33
274 <212> TYPE: PRT
275 <213> ORGANISM: Artificial
277 <220> FEATURE:
278 <223> OTHER INFORMATION: 8S-des36R-GLP1+3KR
280 <400> SEQUENCE: 14
282 His Ser Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu Gly
283 1 5 10 15
286 Gln Ala Ala Lys Glu Phe Ile Ala Trp Leu Val Lys Gly Lys Lys Lys
287 20 25 30
290 Arg
294 <210> SEQ ID NO: 15
295 <211> LENGTH: 35
296 <212> TYPE: PRT
297 <213> ORGANISM: Artificial
299 <220> FEATURE:
300 <223> OTHER INFORMATION: 8S-des36R-GLP1+5KR
302 <400> SEQUENCE: 15
304 His Ser Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu Gly
305 1 5 10 15
308 Gln Ala Ala Lys Glu Phe Ile Ala Trp Leu Val Lys Gly Lys Lys Lys
309 20 25 30
312 Lys Lys Arg
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316 <210> SEQ ID NO: 16
317 <211> LENGTH: 37
318 <212> TYPE: PRT
319 <213> ORGANISM: Artificial
321 <220> FEATURE:

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Input Set : A:\pto.da.txt
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322 <223> OTHER INFORMATION: 8S-des36R-GLP1+7KR
324 <400> SEQUENCE: 16
326 His Ser Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu Gly
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330 Gln Ala Ala Lys Glu Phe Ile Ala Trp Leu Val Lys Gly Lys Lys Lys
331 20 25 30
334 Lys Lys Lys Lys Arg
335 35
338 <210> SEQ ID NO: 17
339 <211> LENGTH: 40
340 <212> TYPE: PRT
341 <213> ORGANISM: Artificial
343 <220> FEATURE:
344 <223> OTHER INFORMATION: 8S-des36R-GLP1+10KR
346 <400> SEQUENCE: 17
348 His Ser Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu Gly
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352 Gln Ala Ala Lys Glu Phe Ile Ala Trp Leu Val Lys Gly Lys Lys Lys
353 20 25 30
356 Lys Lys Lys Lys Lys Lys Arg
357 35 40
360 <210> SEQ ID NO: 18
361 <211> LENGTH: 32
362 <212> TYPE: PRT
363 <213> ORGANISM: Artificial
365 <220> FEATURE:
366 <223> OTHER INFORMATION: 8S-GLP1+2K
368 <400> SEQUENCE: 18
370 His Ser Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu Gly
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374 Gln Ala Ala Lys Glu Phe Ile Ala Trp Leu Val Lys Gly Arg Lys Lys
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380 <212> TYPE: PRT
381 <213> ORGANISM: Artificial
383 <220> FEATURE:
384 <223> OTHER INFORMATION: 8S26Q34N-GLP1
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392 Gln Ala Ala Gln Glu Phe Ile Ala Trp Leu Val Asn Gly Arg
393 20 25 30
396 <210> SEQ ID NO: 20
397 <211> LENGTH: 30
398 <212> TYPE: PRT
399 <213> ORGANISM: Artificial
401 <220> FEATURE:
402 <223> OTHER INFORMATION: 26Q34N-GLP1

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 02/13/2006
PATENT APPLICATION: US/10/530,125A TIME: 12:58:07

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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:25; Xaa Pos. 34 ✓

Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete, per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25

VERIFICATION SUMMARY

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L:10 M:270 C: Current Application Number differs, Replaced Current Application No

L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:527 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25 after pos.:32